

Office Action Attachment

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<!--StartFragment-->RESULT 12
US-10-669-824-6
; Sequence 6, Application US/10669824
; Publication No. US20040128712A1
; GENERAL INFORMATION:
; APPLICANT: Jiang, Cai-Zhong
; APPLICANT: Heard, Jacqueline E
; APPLICANT: Ratcliffe, Oliver
; APPLICANT: Gutterson, Neal
; APPLICANT: Hempel, Frederick
; APPLICANT: Kumimoto, Roderick W
; APPLICANT: Keddie, James S
; APPLICANT: Sherman, Bradley K
; TITLE OF INVENTION: METHODS FOR MODIFYING PLANT BIOMASS AND TOLERANCE TO ABIOTIC
; TITLE OF INVENTION: STRESS
; FILE REFERENCE: MBI-0034CIP
; CURRENT APPLICATION NUMBER: US/10/669,824
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: US 10/374,780
; PRIOR FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: US 60/227,439
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: US 09/506,720
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: US 60/310,847
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: US 10/412,699
; PRIOR FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: US 60/135,134
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: US 09/533,392
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: US 09/533,029
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: US 09/532,591
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: US 60/125,814
; PRIOR FILING DATE: 1999-03-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 315
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: G2153 polypeptide
US-10-669-824-6

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Query Match          56.2%; Score 837; DB 4; Length 315;
Best Local Similarity 56.7%; Pred. No. 1e-62;
Matches 178; Conservative 34; Mismatches 58; Indels 44; Gaps 10;

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Qy      50 -----EPREGAIDVATRRRPRGRPPGSRNKP KPPIFVTRDSPNALRSHVMEIAVGAD 101
      |||||:: | ||||| ||:||||| |||||:||||| ||||| | |
Db      61 DNLSGDDHEPREGAVE-APTRRPRGRPAGSKNKP KPPIFVTRDSPNALKSHVMEIASGTD 119

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Qy      102 IADCVAQFARRRQRGVSILSGSGTVVNVNLRQPT-----APG--AVMALHGRFDILSLT 153
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Qy      154 GSFLPGPSPPGATGLTIYLAGGQQQIVGGEVVGPLVAAGPVLVMAATFSNATYERLPLED 213
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Qy      214 DDQEQHGGG-----GGGGSPQEKNGGPGEASSSISVYN---NNVPPSLGLPNGQ 259
      : : : | | | | | | | | | | | | : : : | | | | | | | |
Db      240 EEAAERGGGGGSGGVVPGQLGGGGSPLSSGAGGGDGNQGLPVYNMPGNLVSNGGSGGGGQ 299

Qy      260 HLNHEAYSSPWGHS 273
      | | | | | :
Db      300 MSGQEAYG--WAQA 311
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